

Actin Regulatory Protein CAPG Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54856

Specification

Actin Regulatory Protein CAPG Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P40121
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38499

Actin Regulatory Protein CAPG Polyclonal Antibody - Additional Information

Gene ID 822

Other Names

Macrophage-capping protein, Actin regulatory protein CAP-G, CAPG, AFCP, MCP

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Actin Regulatory Protein CAPG Polyclonal Antibody - Protein Information

Name CAPG

Synonyms AFCP, MCP

Function

Calcium-sensitive protein which reversibly blocks the barbed ends of actin filaments but does not sever preformed actin filaments. May play an important role in macrophage function. May play a role in regulating cytoplasmic and/or nuclear structures through potential interactions with actin. May bind DNA.

Cellular Location

Nucleus. Cytoplasm Melanosome. Cell projection, lamellipodium {ECO:0000250|UniProtKB:P24452}. Cell projection, ruffle {ECO:0000250|UniProtKB:P24452}.

Note=In macrophages, may be predominantly cytoplasmic. Nuclear localization was observed in fibroblasts. In macrophages, present at the membrane-cytoplasm interface. In activated macrophages, concentrated in the ruffles of the leading lamellipodia.
{ECO:0000250|UniProtKB:P24452}

Tissue Location

Macrophages and macrophage-like cells.

Actin Regulatory Protein CAPG Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Actin Regulatory Protein CAPG Polyclonal Antibody - Images